

## CONCEPT 1

### Wheeling Suspension Bridge Rehabilitation

State Project: S335-251-0.06

Federal Project: STP-0251 (053)D

April 11, 2016



U.S. Department of Transportation  
Federal Highway Administration



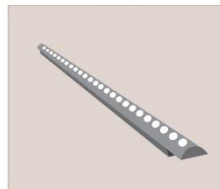
The roadway and sidewalks will be lit using a post-mounted, traditional style light attached to the bridge railings. The railings, cables, and sides of the bridge will be lit using a linear tube or strip light. The towers will be lit using spot lights and flood lights to highlight the distinctive features such as the finials at the top of each tower. To help reduce maintenance and energy costs, the lighting will use LED technology. The roadway/sidewalk and aesthetic lighting will be controlled separately to improve operations and lighting function.

April 11, 2016



#### Roadway & Sidewalk Lighting

- 15-16' height
- Similar to historic fixture
- LED Lighting



#### Decorative Lighting

- LED strip lighting provides constant illumination of cables and bridge
- LED flood and spot lights wash light over distinctive features





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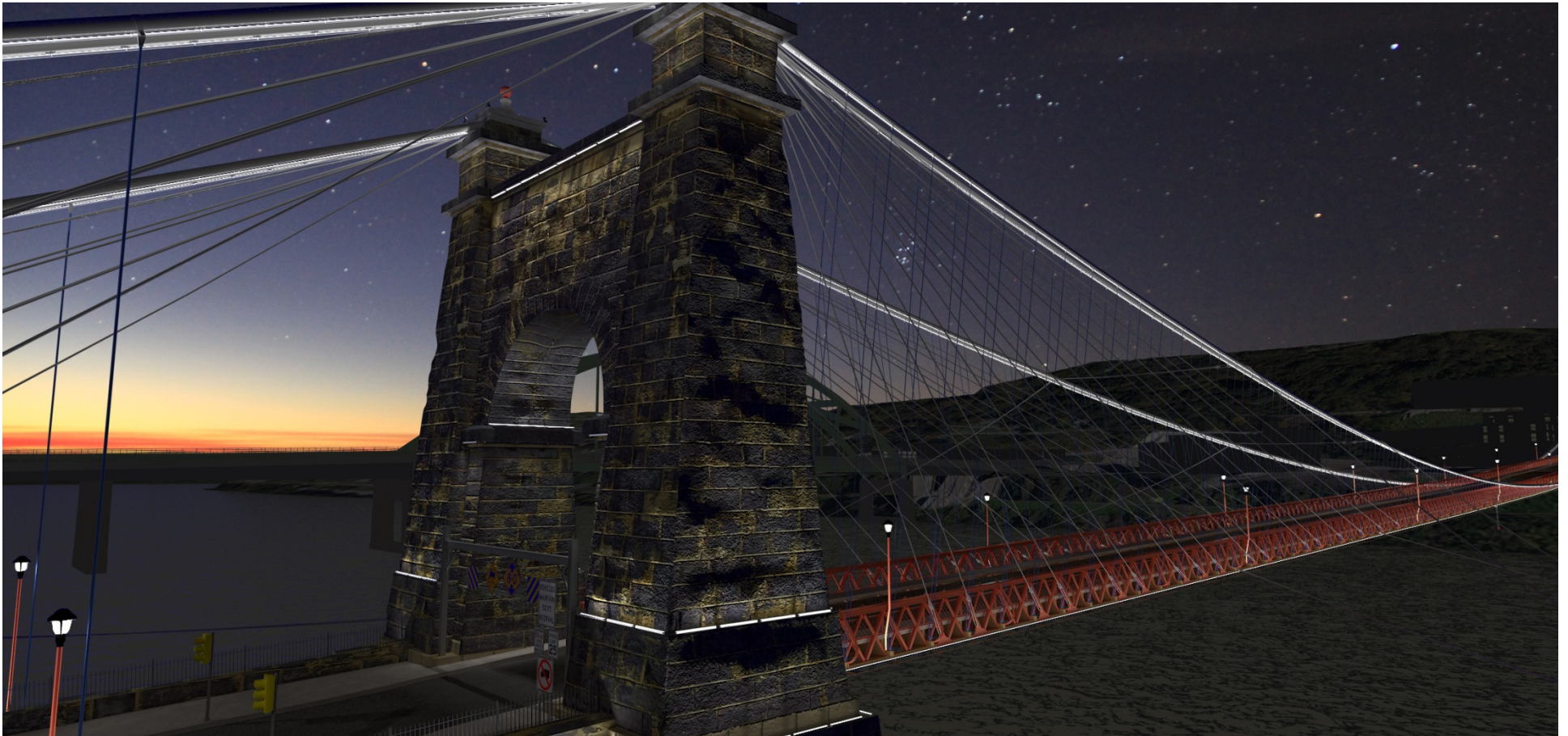
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